

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior version, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-12 (Canceled)

Claim 13 (New) A method for detecting a bovine individual which has a possibility of onset of bovine leukemia comprising binding a c143 monoclonal antibody with a tumor associated antigen.

Claim 14 (New): A method for detecting a bovine individual which has a possibility of onset of bovine leukemia comprising detecting a gene encoding  $\beta$  1 domain of bovine MHC Class II DR  $\beta$  chain to which a possibility of onset of bovine leukemia is attributable with a c143 monoclonal antibody.

Claim 15 (New): A method for detecting a bovine individual which has a possibility of onset of bovine leukemia comprising binding a monoclonal antibody with a tumor associated antigen, the monoclonal antibody having substantially a same reactivity as a c143 monoclonal antibody to a bovine MHC Class II DR molecule to which a possibility of onset of bovine leukemia is attributable.

Claim 16 (New): A method for detecting a bovine individual which has a possibility of onset of bovine leukemia comprising detecting a gene encoding  $\beta$  1 domain of bovine MHC Class II DR  $\beta$  chain to which a possibility of onset of bovine leukemia is attributable with a monoclonal antibody, the monoclonal antibody having substantially a same reactivity as a c143 monoclonal antibody to a bovine MHC Class II DR molecule to which a possibility of onset of bovine leukemia is attributable

Claim 17 (New): A diagnostic composition for detecting a bovine individual which has a possibility of onset of bovine leukemia comprising c143 monoclonal antibody as an active ingredient.

Claim 18 (New): A diagnostic composition for detecting a bovine individual which has a possibility of onset of bovine leukemia comprising a monoclonal antibody as an active ingredient, said monoclonal antibody having substantially a same reactivity as a c143 monoclonal antibody to a bovine MHC Class II DR molecule to which a possibility of onset of bovine leukemia is attributable.